




Alexander Heffernan

Software Engineering Student
Pursuing Summer Internship to
Build, Learn, and Innovate

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EDUCATION

Victoria University of Wellington

- Graduating November 2026
- Bachelor of Engineering with Honours
- Software Engineering (currently A+ average)
- School of Engineering Dean's list 2023

St Patrick's College Silverstream

- Dux, first in college 2022
- NCEA, levels 1, 2, and 3, achieved with excellence
- Excellence endorsement in digital technologies

RELEVANT SKILLS

Programming Languages:

- Java (Proficient)
- C# (Proficient)
- JavaScript (Proficient)
- C++ (Intermediate)
- C (Intermediate)
- Python (Intermediate)

Technologies:

- Vue (Proficient)
- Tailwind CSS (Proficient)
- Git and GitHub (Proficient)
- React (Intermediate)
- Node.js (Intermediate)

Soft Skills:

- Excellent communication skills
- Strong problem-solving ability
- Effective teamwork skills
- Efficient time management

SUMMARY

As a driven software engineering student at Victoria University of Wellington, I am fuelled by a passion for technology and design. With over three years of hands-on experience in web content management, collaboration, and design at the External Reporting Board, I have transitioned to a pivotal role as the Website Designer at HomeStaged, where I spearhead the creation of an upcoming innovative IT solution, which is set to be ready for beta testing in the coming months.

My ongoing journey highlights a steadfast dedication to perpetual growth, evident through my academic pursuits and professional endeavours. Armed with a robust understanding of engineering principles and a flair for innovative design, I possess a unique blend of technical expertise and creative vision. I am ready to contribute my comprehensive skill set to the development of cutting-edge technology solutions, offering fresh perspectives and driving impactful outcomes in software engineering.

PROFESSIONAL EXPERIENCE

HomeStaged, Wellington, NZ

Website Designer, March 2024 – Present

- Leading the comprehensive redesign of an upcoming IT solution, taking charge of creating style guidelines, design mock-ups in Adobe XD, and implementing new designs into the extensive codebase.
- In the process of successfully transforming the user interface and experience by leveraging HTML, CSS, JavaScript, and C# code, ensuring seamless integration of design elements with existing functionalities.
- Collaborating closely with colleagues to adapt designs to meet their needs and preferences, fostering a collaborative environment and ensuring alignment with project objectives.
- Demonstrating a strong focus on user interface (UI) and user experience (UX) design principles, striving to enhance usability and satisfaction for end-users.
- Leveraged Adobe XD and other design tools to create visually compelling and intuitive interfaces, enriching the overall aesthetic and functionality of the IT solution.

External Reporting Board (XRB), Wellington, NZ

Website Administrator, March 2022 – March 2024

Office Assistant December 2020–March 2022

- Managed day-to-day operations of the XRB website, utilizing Silverstripe CMS, HTML, and CSS to maintain and update content.
- Collaborated closely with colleagues to implement desired changes to the website, ensuring alignment with organizational goals and user needs.
- Player a pivotal role in the creation and redesign of the XRB website in 2022, working alongside internal and external stakeholders to enhance design, structure, and content.
- Developed strong communication and collaboration skills through regular interaction with colleagues and external partners, effectively translating technical concepts and requirements.
- Cultivated a keen eye for design and user experience, contributing to the aesthetic and functional improvements of the website to enhance user satisfaction and usability.

References from previous and current employers available on request.